

GBT Observing Schedule for September 2008

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BB240	Bower, G. C. Bolatto, A. Ford, E. Kalas, P.	UC Berkeley University of California at Berkeley University of Amsterdam Calif.-Berkeley		RIPL: Radio Interferometric PLANet Search [G. C. Bower]	X	5	3 8 11 12 17	33.50
BM284	Momjian, E. Riechers, D. Carilli, C. L.	Arecibo Observatory (Puerto Rico) Max-Planck-Institute for Astronomy, Heidelberg NRAO - Socorro		Testing the AGN vs. AGN+starburst hypothesis in two z~6 QSOs [E. Momjian]	L	5	28 29	10.50
GBT05C-024	Frayser, D.T. Yan, L. Armus, L. Helou, G. Lutz, D. Sajina, A. Teplitz, H.	Caltech IPAC/SSC SSC/IPAC IPAC, Caltech Max-Planck-Institut fur extraterrestrische Physik University of British Columbia IPAC/SSC	Dana Balsler	CO(1-0) Observations of Spitzer z~2 ULIRGs Showing Strong PAH Emission [D.T. Frayer]	B	S	1 2	3.25
GBT06B-042	Kanekar, N. Ellison, S.E. York, B	NRAO-AOC University of Victoria University of Victoria	Larry Morgan	The nature of damped Lyman-alpha systems, as traced by their spin temperature. [N. Kanekar]	8	P	16	3.00
GBT06C-105	Wagg, J. Kanekar, N. Carilli, C. L. Wang, R. Owen, F. N.	NRAO - Soc NRAO-AOC NRAO - Socorro NRAO NRAO-SOC	Ron Maddalena	A confirmation of strong CO J=1-0 emission at z=5.2 [J. Wagg]	K	S	24	4.00
GBT07A-015	Mangum, J. G. Menten, K. M. Henkel, C. Darling, J.	NRAO Charlottesville Max-Planck-Institut Fur Radioa Max-Planck-Institut fur Radioa Colorado at Boulder, University of	Frank Ghigo	Formaldehyde Densitometry of External Galaxies [J. G. Mangum]	U	S	22	1.75
GBT07A-030	Mason, B.S. Finkbeiner, D. Robishaw, T.	NRAO Green Bank Facility Princeton University (Astrophysics) University of California at Berkeley	Brian Mason	A Search for Polarized, Anomalous Microwave Emission from Lynds 1622 - copy [B.S. Mason]	U	S	4 30	10.00
GBT07A-066	Braatz, J. A. Condon, J. J. Greenhill, L. J. Henkel, C. Reid, M. J. Lo, F.K. Y.	NRAO - CV NRAO-CV CfA Max-Planck-Institut fur Radioa Center for Astrophysics NRAO-CV	Jim Braatz	The Megamaser Cosmology Project [J. A. Braatz]	K	S	20 29	5.75
GBT07A-087	Demorest, P. Jacoby, B.A. Ferdman, R. Backer, D. C. Stairs, I. Nice, D. Lommen, A.	UC Berkeley (Physics) Naval Research Lab University of British Columbia University of California, Berkeley University of British Columbia Bryn Mawr College Franklin and Marshall College	Scott Ransom	Detecting nHz Gravitational Radiation using a Pulsar Timing Array [P. Demorest]	L8	RY	1 24 25	18.00

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Prime Focus Bands: 3=0.29-0.395GHz, 4=0.385-0.520GHz, 6=0.51-0.69GHz, 8=0.68-0.92GHz, A=0.91-1.23GHz

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	Ransom, S. Bailes, M. Cognard, I	NRAO - CV Swinburne University of Technology CNRS-Orleans						
GBT07A-094	Ransom, S. Hessels, J. W. T. Stairs, I. Freire, P. Camilo, F. Kaspi, V.	NRAO - CV Universiteit van Amsterdam University of British Columbia Arecibo Observatory Columbia Astrophysics Laboratory McGill University	Scott Ransom	Continued Timing of the 33 Millisecond and Binary Pulsars in Terzan 5 [S. Ransom]	S	G	12	8.00
GBT07B-007	Kanekar, N. Ellison, S.E. Prochaska, J.	NRAO-AOC University of Victoria University of California	D.J. Pisano	A search for 21cm absorption in strong MgII absorbers in the redshift desert [N. Kanekar]	8	P	1 2	5.75
GBT07B-025	Ransom, S. Stairs, I. Freire, P. Hessels, J. W. T.	NRAO - CV University of British Columbia Arecibo Observatory Universiteit van Amsterdam	Scott Ransom	Continued Timing of the Millisecond Pulsars in M28, NGC6440 and NGC6441 [S. Ransom]	S	G	5 6	8.50
GBT07C-014	Stassun, K. Bergin, E. A. Alzate, N Ragan, S.	Michigan at Ann Arbor, University of	Frank Ghigo	Angular Momentum and Chemical Evolution of Pre-Stellar Cores in Ophiuchus [E. A. Bergin]	K	S	30	3.00
GBT07C-018	Kanekar, N. Carilli, C. L. Stocke, J. T.	NRAO-AOC NRAO - Socorro University of Colorado	Jim Braatz	A blind GBT Q-band survey for redshifted molecular absorption [N. Kanekar]	Q	S	21	4.25
GBT07C-033	Hessels, J. W. T. Ransom, S. Weltevrede, P. Kaspi, V. Stappers, B. Champion, D. Roberts, M.	Universiteit van Amsterdam NRAO - CV McGill University Netherlands Foundation for Research in Astronomy McGill University Eureka Scientific, Inc.	Scott Ransom	Follow-up Studies of Recent GBT Pulsar Discoveries [J. W. T. Hessels]	8	G	8	2.75
GBT07C-051	Balser, D.S. Goss, W. M.	NRAO - Green Bank NRAO-SOC	Dana Balser	Pilot Project to Survey Galaxies for Young Nuclear Star Clusters [D.S. Balser]	Q	S	5	5.00
GBT07C-054	Meier, D.S. Kanekar, N.	National Radio Astronomy Observatory NRAO-AOC	D.J. Pisano	A K _a and Q band Spectral line Survey of Molecular Gas at z = 0.685 [D.S. Meier]	Q	S	2 21	6.00
GBT07C-060	Camilo, F. Ransom, S. Roberts, M. McLaughlin, M. Arzoumanian, Z. Freire, P.	Columbia Astrophysics Laboratory NRAO - CV Eureka Scientific, Inc. WVU NASA/GSFC Arecibo Observatory	Scott Ransom	GLAST timing at GBT: six key radio-faint pulsars [F. Camilo]	8SC	BG	6 7 8 19 20 21 29	17.25

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	Lorimer, D. Ray, P.S. Romani, R. W. Halpern, J. P.	West Virginia University Naval Research Lab Stanford University Columbia University						
GBT07C-084	Kasian, L. Stairs, I. Kramer, M. Lorimer, D.	University of British Columbia University of British Columbia Jodrell Bank West Virginia University	Scott Ransom	GBT Timing of a Young Highly Relativistic Binary Pulsar [L. Kasian]	L	G	9 10	4.50
GBT08A-003	Curran, S. Darling, J. Tzanavaris, P. Bignell, R.C. Webb, J.	University of New South Wales Colorado at Boulder, University of National Observatory of Athens (Institute of Astronomy and Astrophysic NRAO - GB University of New South Wales	Carl Bignell	The Metallicity-21-cm Line Strength Relation in Damped Ly-alpha Absorbers [S. Curran]	8	S	2 7 13	8.00
GBT08A-004	Curran, S. Darling, J. Whiting, M. Bolatto, A. Webb, J. Bignell, R.C.	University of New South Wales Colorado at Boulder, University of Australia Telescope National Facility University of California at Berkeley University of New South Wales NRAO - GB	Carl Bignell	OH Absorption In the Lensing and Host Galaxies of J0414+0534 [S. Curran]	8	S	3 19 23	11.75
GBT08A-020	Hessels, J. W. T. Ransom, S. Kaspi, V. Roberts, M. Champion, D. Stappers, B.	Universiteit van Amsterdam NRAO - CV McGill University Eureka Scientific, Inc. McGill University Netherlands Foundation for Research in Astronomy	Scott Ransom	Completing the GBT350 Pulsar and Transient Survey of the North Galactic Plane [J. W. T. Hessels]	8	G	22 23	1.50
GBT08A-021	Mangum, J. G. Darling, J. Menten, K. M. Henkel, C.	NRAO Charlottesville Colorado at Boulder, University of Max-Planck-Institut Fur Radioa Max-Planck-Institut fur Radioa	Jim Braatz	Formaldehyde Densitometry of IR-Bright Galaxies [J. G. Mangum]	CU	S	1 22	4.00
GBT08A-079	Stairs, I. Lorimer, D. Nice, D. Demorest, P. Ransom, S.	University of British Columbia West Virginia University Bryn Mawr College UC Berkeley (Physics) NRAO - CV	Scott Ransom	Exploratory Timing Observations of Millisecond Pulsars [I. Stairs]	8LS	YG	15 18 23	18.00
GBT08A-080	Demorest, P. Stairs, I. Nice, D. Lorimer, D. Briskin, W.F. Kondratiev, V. Lommen, A.	UC Berkeley (Physics) University of British Columbia Bryn Mawr College West Virginia University NRAO - SOC West Virginia University Franklin and Marshall College	Scott Ransom	Simultaneous Multi-telescope Pulsar Timing [P. Demorest]	LS	YO	21	5.50

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GBT08B-006	Camilo, F. Ransom, S. Halpern, J. P. Reynolds, J. E.	Columbia Astrophysics Laboratory NRAO - CV Columbia University Australia Telescope National F	Scott Ransom	Studying the magnetar XTE J1810-197 [F. Camilo]	S	G	6 19 27	2.25
GBT08B-008	Morgan, L. Urquhart, J. Figura, C.	National Radio Astronomy Observatory (NRAO) University of Leeds	Jules Harnett	Free-Free Emission from Bright-Rimmed Clouds [L. Morgan]	X	DS	23 24	10.50
GBT08B-009	Harnett, J. I. Beck, R. Kepley, A.	Max-Planck-Institut fur Radioa University of Wisconsin at Madison (Astronomy)	Jules Harnett	Magnetic fields and the interstellar medium in three large spiral galaxies [J. I. Harnett]	C	S	3	2.25
GBT08B-011	Wagg, J. Kanekar, N. Carilli, C. L. Wang, R. Owen, F. N. Wilner, D. Wang, W.-H. Klamer, I.	NRAO - Soc NRAO-AOC NRAO - Socorro NRAO NRAO-SOC Center for Astrophysics National Radio Astronomy Observatory Australia Telescope National Facility	D.J. Pisano	Properties of the dense molecular gas in the most distant radio galaxy at z=5.2 [J. Wagg]	U	S	7 20	8.00
GBT08B-013	Murphy, M. T. Muller, S. Flambaum, V.	Cambridge, University of	Toney Minter	Highest-precision probe of the proton-to-electron mass ratio at high redshift [S. Muller]	U	S	17 18 19 20 21 22	26.00
GBT08B-016	Troscompt, N. Faure, A. Wiesenfeld, L. Maret, S. Ceccarelli, C.	Observatoire de Grenoble Universite Joseph Fourier, Grenoble Observatoire de Grenoble	Jim Braatz	The H2CO anomalous absorption revisited [N. Troscompt]	C	S	4 5 7	10.75
GBT08B-017	Deneva, J. Cordes, J. M. Lazio, T.J.W.	Cornell University NAIC and Cornell University Naval Research Laboratory	Scott Ransom	Spectrum Estimation and Timing of Two Highly Dispersed Pulsars Near SGR A* [J. Deneva]	S	G	13 27	2.00
GBT08B-019	Ghosh, T. Salter, C. J. Catinella, B. Lebron, M. Lerner, M. Minchin, R.F. Momjian, E. O'Neil, K.	Arecibo Observatory Arecibo Observatory Instituto de Astronomia Onsala Space Observatory NAIC Arecibo Observatory (Puerto Rico) NRAO - GB	Karen O'Neil	A GBT Cm-wave Search for Prebiotic & Other Molecules in Arp220-like Galaxies [T. Ghosh]	C	S	4	2.00
GBT08B-021	Stairs, I. Thorsett, S. Arzoumanian, Z.	University of British Columbia University of California, Santa Cruz NASA/GSFC	Scott Ransom	The Pulsar Triple System in M4 [I. Stairs]	L	B	6	1.25

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GBT08B-023	Ferdman, R. Stairs, I. Kramer, M. McLaughlin, M. Demorest, P. Nice, D. Burgay, M. Camilo, F. D'Amico, N. Hobbs, G. Lorimer, D. Lyne, A. G. Manchester, D.R. N. Possenti, A. Faulkner, A. Backer, D. C.	University of British Columbia University of British Columbia Jodrell Bank WVU UC Berkeley (Physics) Bryn Mawr College Istituto Nazionale di Astrofisica Columbia Astrophysics Laboratory Osservatorio di Cagliari Australia Telescope National Facility (ATNF) West Virginia University Manchester, University of Australia Telescope Istituto Nazionale di Astrofisica University of Manchester University of California, Berkeley	Scott Ransom	Timing Binary Pulsars from the Parkes Multibeam Survey [R. Ferdman]	L	YB	2 9	4.00
GBT08B-024	Terrier, R. Hessels, J. W. T. Roberts, M.	Universiteit van Amsterdam Eureka Scientific, Inc.	Scott Ransom	Finding the Young, Energetic Pulsar Powering G32.64+0.53/IGRJ18490-0000 [J. W. T. Hessels]	S	G	3	3.50
GBT08B-025	Kramer, M. Stairs, I. McLaughlin, M. Ferdman, R. Camilo, F. Lyne, A. G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Freire, P.	Jodrell Bank University of British Columbia WVU University of British Columbia Columbia Astrophysics Laboratory Manchester, University of Australia Telescope Istituto Nazionale di Astrofisica Osservatorio di Cagliari Istituto Nazionale di Astrofisica Arecibo Observatory	Scott Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	L	GYB	27	5.50
GBT08B-026	Minter, A. Dennison, B. K. Dickens, L.	NRAO - Green Bank Virginia Polytechnic Institute	Toney Minter	The H 2p-2s fine-structure line toward HII Regions and Planetary Nebulae [A. Minter]	X	S	4 8	4.00
GBT08B-033	Boyles, J. Lorimer, D. McLaughlin, M. Ransom, S. Stairs, I. Hessels, J. W. T. Archibald, A. Cordes, J. M. Kondratiev, V. Kasian, L. Kaspi, V. Katz, J.	West Virginia University West Virginia University WVU NRAO - CV University of British Columbia Universiteit van Amsterdam NAIC and Cornell University West Virginia University University of British Columbia McGill University Virginia, University of	Scott Ransom	Timing of new pulsars: Continuation of the GBT 350-MHz drift scan survey [J. Boyles]	8	G	3	2.00

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GBT08B-035	Darling, J. Willett, K.	Colorado at Boulder, University of University of Colorado at Boulder	Frank Ghigo	A High Redshift OH Megamaser Survey [J. Darling]	8	S	6	5.00
GBT08B-037	Bandura, K. Peterson, J. Pen, U-L Chang, T-C	Carnegie Mellon University Toronto, University of UoT/CITA		Search for Direct Detection of Cosmological LSS with HI Brightness Mapping [K. Bandura]	8	S	6 7 17	12.25
GBT08B-039	McLaughlin, M. Lorimer, D. Boyles, J. Cordes, J. M. Lyne, A. G. Kramer, M.	WVU West Virginia University West Virginia University NAIC and Cornell University Manchester, University of Jodrell Bank	Scott Ransom	Radio Timing and Spectra of New and Old RRATs [M. McLaughlin]	8	G	1 5 9	7.00
GBT08B-043	Wagg, J. Kanekar, N. Carilli, C. L.	NRAO - Soc NRAO-AOC NRAO - Socorro	D.J. Pisano	The molecular gas content of z>6.5 Lyalpha emitters [J. Wagg]	U	S	1 5 7	11.25
GBT08B-048	Boyles, J. Lorimer, D. McLaughlin, M. Kondratiev, V. Ransom, S. Lynch, R. Stairs, I. McPhee, C. Kaspi, V. Archibald, A. Hessels, J. W. T. van Leeuwen, J. Cordes, J. M. Deneva, J. Roberts, M. Champion, D.	West Virginia University West Virginia University WVU West Virginia University NRAO - CV Virginia, University of University of British Columbia McGill University Universiteit van Amsterdam University of British Columbia NAIC and Cornell University Cornell University Eureka Scientific, Inc. McGill University		Determining the position, scintillation, and binary parameters for PSR J1327-07 [J. Boyles]	8	G	14 17	5.75
GBT08C-010	Courtois, H. Tully, R.B. Fisher, R. Bonhomme, N.	Institute for Astronomy Institute for Astronomy NRAO Green Bank Facility	Toney Minter	Bulk motions of filaments in the Local Universe - Large Proposal - 08C [H. Courtois]	L	S	2 3 4 6 7 8 10 12 13 14 15 16 17 18 19 20 21 22 23 25 26 27 28 30	190.00
GBT08C-059	Barriault, L. Joncas, G. Martin, P.G. Lockman, F. J.	Universite Laval University of Toronto NRAO-GB	Jay Lockman	GBT OH Observations at high galactic latitudes [L. Barriault]	L	S	4 5 6 8 9 10 11 15 16 24 25 26 27 28	78.50

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GBT08C-062	Wakker, B. Brown, J. Lockman, F. J.	Univ. of Wisconsin NRAO-GB	Jay Lockman	Confirming that N(HI,21cm) differs from N(HI,Lyalpha) in the Milky Way [B. Wakker]	L	S	3 8	3.75
GLST011217	Tomsick, J.A. Corbel, S. Migliari, S. Pottschmidt, K. Wilms, J. Rodriguez, J. Pooley, G. G.	Calif.-San Diego CEA-Saclay Amsterdam Switzerland Mullard Radio Astronomy Observ	D.J. Pisano	Probing the High Energy Emission of Microquasars with Multi-wavelength observations [J.A. Tomsick]	CX	SD	2 11 12 19 24 25 30	10.75
GLST011221	McSwain, M.V. Ray, P.S. Ransom, S. Roberts, M. Dougherty, S. M. Grundstrom, E.	Yale University Naval Research Lab NRAO - CV Eureka Scientific, Inc. DRAO Georgia State University	Scott Ransom	A Multi-wavelength Study of the Gamma-ray Binary LS 5039 [M.V. McSwain]	S	G	20	6.50
Maint	NRAO staff			Maintenance			2 9 10 18 22 26 29 30	65.00
Tests	Band FPA - 1			K	F		11	7.50
Tests	NRAO staff			OOF Daytime	UQ		12 21	12.50
Tests	band Baselines			Q	Q		24	2.00
Tests	NRAO staff			RCO1070	A		29	1.50
Tests	NRAO staff			RFI Scan	SXL		2 3 17 21	3.00
Tests	Braatz			TCAL	XS		30	3.00
Tests	NRAO staff			TILT Nighttime	U		1	5.75
Tests	NRAO staff			Tests KFP A	FL		10	0.50
Tests	NRAO staff			Tests RFI	LX		11 17	1.00
Total Hrs	Astronomy Maintenance Un-assigned Tests	618.25 65.00 36.75						

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